



Town of Fairhaven
Massachusetts
Office of the Harbormaster
40 Centre Street, Fairhaven, MA 02719

May 11, 2011

Specifications for Pump-Out Boat being sought by the

Town of Fairhaven, MA 02719

Pump-Out Boat
INVITATION TO BID
Town of Fairhaven, MA

Fairhaven seeks bids for a Pump-Out Boat. Bid specifications are available at the Selectmen's Office, 40 Center Street, Fairhaven, MA 02719 M-F 9AM-4PM or at www.fairhaven-ma.gov. Sealed bids will be received and opened at the Selectmen's Office until 2PM on May 31, 2011. The Town reserves the right to reject any or all bids if not in the best interest of the Town. Bid award is contingent on funds being made available through CVA Grants in FY-12 as contracted. Any questions call the Harbormaster's Office at 508-984-4529

Adendum 5-12-11: Change pump number of Item #8 from Edson 286-EP-40 to Edson 278-EP-40. Please call Harbormaster with any questions

Base Bids for Pump-Out Boat on the following specifications.

All Bids must indicate that Pump-Out Boat will meet or not meet specifications by checking appropriate box on the right side.

- 1 Boat shall have a fiberglass hull Gel Coated on the outside of the hull using high quality Gel Coat materials, with an internal waste holding tank of 400 to 450 gallons capacity. Length of boat shall be between 21' (ft.) and 23' (ft.) with a beam of least 8'(ft.) without fender or rub rails. Transom height of 25" (ins.) with a Coast Guard Horsepower rating to handle supplied motor. Draft at load capacity shall not be more than 32" (in.) Boat without load should be within 2500 lbs and 3600 lbs. There is to be no wood in the entire boat, including covered areas such as the transom and stringer system. Your bid must state that the boat is wood free. Deck construction shall be made of fiberglass and have non-slip properties, have 4 or more stowage areas 2 which are lockable and at least one able to stow the proper size anchor for the boat and attached line. Design of the boat shall be that of a self bailer with scuppers in the rear with a large splash well if so incorporated in the design of the hull. Hull shall be filled with Foam Floatation where possible in watertight areas. Certification in regards to stability if swamped shall be included with bids submitted. Hull design shall be one that is designed to enhance the safe operation of the boat with a full load and that helps increase performance to reduce fuel consumption as well allows for maximum maneuverability in small areas. Boat shall also be equipped with cleats located at stern, bow and mid ship locations along with chocks in the bow area. Bow and stern tie points are required. All cleats and like devices are to be of stainless steel.

	DOES NOT
MEETS	MEET

- 2 Waste containment cell shall be below the waterline as much as possible and not extend above the floor. It must have baffles for both front to rear and side to side motion. Containment cell shall be alarmed to indicate that the tank is full. Tank design must be certified by a Marine Engineer certifying the cells capacity.

	DOES NOT
MEETS	MEET

- 3 Boat shall come equipped with bumper system or rail system in place on the perimeter of the boat. This bumper system shall serve as a guard against damage to boats being pumped out.

	DOES NOT
MEETS	MEET

- 4 Boat shall have a center console design properly sized with all controls located at the console position. Console and or top cover shall have a lockable box able to hold the VHF radio and binoculars.

	DOES NOT
MEETS	MEET

- 5 Boat shall have an internal gasoline tank to be used for outboard motor fuel. Capacity shall be a minimum of 40 gals. and a max. of 75 gals. Tanks above the floor will not be accepted if outside the console area.

	DOES NOT
MEETS	MEET

- 6 Boat shall have a hard cover/shell top over the center console large enough to provide coverage for the operator in sun an inclement weather. Height shall be enough to allow a person to operate comfortably while under cover.

	DOES NOT
MEETS	MEET

- 7 Boat shall have at least 2 permanent seat or a cushioned leaning post locations suitable to accommodate 2 people under top mentioned in item 6.

	DOES NOT
MEETS	MEET

- 8 Waste pump shall be made by Edson International, New Bedford, MA model Edson 278-EP-40 equipped with a Hypalon diaphragm, 12 Volt DC motor and with a 1 1/2" inlet and a 2" discharge positioned under the console. Vents shall be located outside of the console and if possible extend above the console roof line. Controls to operate the pump shall be mounted on the center console. In addition pump discharge shall be designed to have its connection to the boats internal waste tank disconnected and connected to hose extensions for pump-out into the Towns sewerage systems. Connections to the Towns system are made using a 2" Quick Clamp male connection all other connections shall be designed to have a male discharge from the pump going into the internal female connection on the tank. All connections are of the Quick Clamp type as offered by Edson and other various manufacturers. Quick Clamp is a generic name used by Edson International and is similar to Camlock type connectors. Please make sure connections used are compatible with Edson pumps as supplied. To further explain pump-out of the containment cell we must pump-out the cell into the Town's sewerage system. We are unable to have the tank pumped out.

	DOES NOT
MEETS	MEET

- 9 Boat shall come equipped with a 50' (ft.) suction hose, Edson International part number 261-50-150 pump-out hose and assorted connectors.

	DOES NOT
MEETS	MEET

- 10 Boat shall be equipped with a 10' (ft.) and 15' (ft.) 2" Polyethylene discharge hose.

	DOES NOT
MEETS	MEET

- 11 All hoses provided shall have male and female connections (Quick Clamp) as required.

	DOES NOT
MEETS	MEET

- 12 Boat shall have hydraulic steering with a 15" stainless steel wheel with assist knob if available. Steering wheel shall meet recommended types for both the motor and steering assist device.

	DOES NOT
MEETS	MEET

- 13 Boat shall be powered by a 4 stroke Outboard motor rated between 175 HP and 200 HP, and be covered by the Manufacturer's warranty (Mercury preferred).

	DOES NOT
MEETS	MEET

- 14 Boat shall be supplied with an appropriate travel trailer that is suitable for over the road travel and meets all requirements to be registered for such use. This trailer can be made of galvanized steel or aluminum. The trailer can be either bunk or roller type suitable to hold the provided Pump-Out Boat. Trailer shall have all wiring in place to operate required over the road running lights, with a standard plug for connection to the tow vehicle.

	DOES NOT
MEETS	MEET

- 15 Boat shall be equipped with all electrical connections to operate the following equipment: GPS, Compass, Light, VHF Radio, and all required running lights. In addition there shall be at least 4 additional power sources fused and switchable. One of the 4 power sources shall be terminated at a 12 volt cigarette lighter type connections weather proof and mounted on the center console. The remaining 3 terminations shall be accessible for future use.

	DOES NOT
MEETS	MEET

- 16 As a separate line item please submit as a part of your bid a Coast Guard Package that includes the following items: Anchor, air horn, anchor chain, fire extinguisher, anchor line, 4- 3/8" to 1/2" 20 ft. dock lines, flare kit and safety throw bag.

	DOES NOT
MEETS	MEET

- 17 Boat shall be provided with weather/water proof lighted compass, and VHF radio equipped with fold down mounted Shakespeare antenna mounted on the console roof area. Please segregate these items as separate items as they may be eliminated to keep cost of the boat down within grant limits.

	DOES NOT
MEETS	MEET

- 18 Boat shall be equipped with 2 high capacity marine type 12 volt batteries equipped with a central cut-off switch that allows use of both or 1 battery at a time and that the switch will provide the ability to completely isolate the batteries from any electrical draw except for a bilge pump (engine manufacturer compliant).

	DOES NOT
MEETS	MEET

- 19 Boat shall be supplied with a bilge pump that automatically operates and has a capacity of at least 1000 gallons per hour, be automatically operated with a float system. This is not required if the boat is designed with a dry bilge not able to retain water from rain or any over the rail splash water.

	DOES NOT
MEETS	MEET

- 20 Boat shall be delivered on or after July 1, 2011 and if after as soon as possible after that date ready to operate. Late delivery date deadlines will be agreed to at the award of the bid. Late delivery date will be a date no later than September 2011.

	DOES NOT
MEETS	MEET

- 21 Delivery includes the boat being delivered and accepted at the Town of Fairhaven's BPW Garage located at 5 Arsene Street, Fairhaven, MA 02719. Delivery shall be made with a minimum of 4 daylight hours available for inspection and on water testing before delivery is signed for.

	DOES NOT
MEETS	MEET

22 Successful bidder shall warranty all aspects of the Boat and Trailer for a period of at least one year but not limited to one year if Manufacturer offers longer periods of warranty. Manufacturer shall warranty the hull and containment cell specifically for a period of at least 5 years if used as a pump-out boat. The successful bidders will ensure that all equipment provided are covered by the Manufacturer's warranty and that if due to the bidder's application or installation the warranty is voided the bidder indemnifies the Town of Fairhaven and the bidder will honor the Manufacturer's warranty.

MEETS	DOES NOT MEET

23 Successful bidder agrees to take in trade 2 (two) 21' Alcar type Hull Pump-Out Boats equipped with 130 HP Honda engines and trailers. Boats have Edson pumps, one electrically powered and the other powered by a 4 stroke small engine. One of the boats is in service and operating. The other has been out of service for 1 year. The Town of Fairhaven does not represent in any manner as to the condition of the boats. Bidders shall include in their bids allowances for each boat individually as the Town may decide to offer only one as a trade-in. Bidders may themselves or their representative view and inspect both of these boats after making arrangements to do so. Boats are available between 9AM and 4PM. Arrangements can be made by calling the Harbormaster at 508-951-3576 during normal business hours. Boat is located at 5 Arsene Street, Fairhaven, MA 02719, the other may be in service or still at Arsene Street. Either way they are available for viewing. Bid trade-in value is contingent on the Comm of Mass CVA Program agreement on trade-in value.

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Board of Selectmen

Please Explain any line items checked as Does Not Meet by line item in the space provided below.
